

**SYSTEM FOR REGISTERING, LOCATING, AND IDENTIFYING
NETWORK EQUIPMENT**

ABSTRACT OF THE DISCLOSURE

5 The present invention is directed toward providing a system for registering,
locating, and identifying network servers within a data center containing many such
servers. Parallel and serial port couplers with an erasable, programable read-only
memory are encoded with a unique ID number, and a label with a bar code corresponding
10 to the ID number is affixed to each coupler. A server to be installed in a data center has
an encoded coupler attached to one of its communication ports, and information related to
that particular server is stored in a system database. Upon encountering a problem with a
network server, the system displays the logical name of the server at issue. The location
and identification information for the server are retrieved from the system database and
15 displayed to a technician responsible for the server at issue. Using the displayed location
information, the technician reads the label on the coupler connected to the suspected
server and verifies that the ID number on the coupler matches the ID number displayed
for the server requiring service.